



# Sergei Tretiak honored as Fellow of the Royal Society of Chemistry

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Los Alamos National Laboratory chemist Sergei Tretiak is being inducted as a Fellow of the Royal Society of Chemistry.

"I am honored to have been named an RSC Fellow," said Tretiak. "The award reflects high external visibility and value for the work we do here at Los Alamos in materials and chemistry, and it is excellent to see that recognized."

The Royal Society of Chemistry (RSC) is Europe's largest professional and academic society for chemistry and traces its roots to the Chemical Society of London, established in 1841.

The Royal Society of Chemistry Fellows program recognizes scientists for their outstanding achievements in and contributions to chemical sciences, the profession and the Society. The lifelong designation recognizes RSC members for their excellence in scientific leadership and their impact in the field. The RSC has more than 54,000 members and each year the Fellows of the Royal Society elect up to 52 new [Fellows](#).

Tretiak is a Physics and Chemistry of Materials deputy group leader in the Theoretical Division at Los Alamos National Laboratory and a Los Alamos National Laboratory Fellow. His research interests include development of electronic structure methods for molecular optical properties, nonlinear optical response of organic chromophores, non-adiabatic dynamics of electronically excited states, optical response of confined excitons in conjugated polymers, carbon nanotubes, semiconductor nanoparticles, mixed halide perovskites and molecular aggregates, the use of machine learning and data science toward modeling electronic and chemical properties.

Tretiak received his Masters degree in Physics in 1994 from Moscow Institute of Physics and Technology (Russia) and his Chemistry doctorate in 1998 from the University of Rochester (US). He was then a Director-funded postdoctoral fellow, and subsequently became a staff scientist at Los Alamos and a member of the DOE-funded Center for Integrated Nanotechnologies (CINT).

He also serves as adjunct professor at the University of California, Santa Barbara (UCSB) (2015-present) and at Skolkovo Institute of Science and Technology, Skoltech, Russia (2013-present).

In 2014 he became an American Physical Society Fellow and he has received the Los Alamos Postdoctoral Distinguished Mentor Award (2015) and the Los Alamos Fellow's Prize for Research (2010).

Tretiak has published more than 250 scientific publications cited more than 13,000 times and he has presented more than 250 invited and keynote talks in the US and abroad.

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